

ARMY DRIVER & OPERATOR STANDARDIZATION PROGRAM



“ A Program for Success”



AGENDA

- **Purpose**
- **Background**
- **The “Model”- An Overview**
- **Milestones & Funding**
- **Summary**



PURPOSE

To provide an overview of TRADOC's Program to standardize the procedures for **Selecting, Training, Testing**, and **Licensing** drivers of Army Motor Vehicles and Army Combat Vehicles Army-wide.



BACKGROUND

History- Defining requirements & assigning responsibility

- Standardization issue identified by DAIG/DODIG in 1989
- DCSPER tasked at Aug 96 CSA Safety IPR to review status
- Refined guidance at Nov 96 IPR
 - + **Consolidate and revise existing policy**
 - + **Develop a “model” driver training program**
- Additional guidance at Feb 97 IPR
 - + **Track vehicles added**
- USASC / TRADOC Working group formed in Feb 97
 - + **Develop and approve “model”**
 - + **Establish TSP format & assign responsibility**
 - + **Establish program milestones**
 - + **Initial Draft AR completed in Jun 97**



WHY STANDARDIZE?

- 1/4 million AMVs and 43 thousand ACVs
- Driver Requirements = 50% of the Force
- #1 soldier killer is AMV & POV accidents
 - + #1 cause cited is driver / operator error
- NO ARMY STANDARD EXISTS
 - + Available TSPs not mandated as THE STANDARD
 - + Unit standards and driver skills vary significantly
 - + UNITS, NOT SCHOOLS , train, test, and license
Vehicle Drivers and Equipment Operators



- The Strategy -

Selection

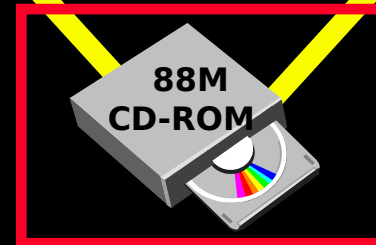
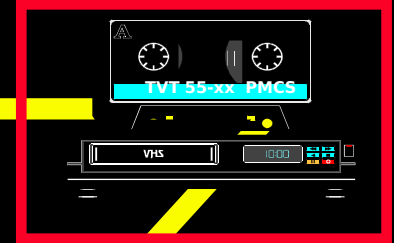
Training



Testing

Licensing

TRAINING CIRCULARS TRAINING VIDEO TAPES



CD-ROM / CAI

- AR 350-xx establishes THE standard in all four areas of the program
- Program is designed to be executed in the field (battalion or higher level)
 - + Institutional training limited to familiarization & awareness tng
 - + Risk mgt / awareness tng added to BCT, NCOES, OES & PCC

TRAINING SUPPORT PACKAGES

TRAINING CIRCULARS

- Risk Assessment Matrices
- Lesson Plans
- Sample Training Schedule
- Instructional Aids List
- Training Area Designs
- Written Exam
- Performance Tests
- Related References List

CD-ROM TECHNOLOGY

CURRENT:

- 88M Collection of Existing Materials
 - + **CAI for CDL**
 - + **TCs, FMs, MTPs, Vehicle Data Base**

FUTURE:

- AMV, ACV Collection of TCs & References
- Vehicle Specific CAI (Latest Technology)

TRAINING VIDEO TAPES

- PMCS
- Driving Operations
- Load Handling Operations
- Materiel Handling System Operations
- Coupling & Uncoupling Operations
- Night Vision Goggle (NVG) Preparation and Use

- **Generic to All MOSS**
- **Training Base or Unit**
- **Available thru normal Channels**



TSP Requirements (as of 1 Jul 97)

TRACKED VEHICLE TSPs	TC 21-306 SERIES
Accident Avoidance	21-306
Tank Series	21-306-01
Bradley Series	21-306-02
Field Artillery Series	21-306-03
Engineer Series	21-306-04
113 / 577 Series (C2)	21-306-05
Recovery Series	21-306-06
NVG / NVD	21-306-xx

WHEELED VEHICLE TSPs	TC 21-305 SERIES
Accident Avoidance	21-305
HEMTT (8 & 10 Ton)	21-305-01
NVG / NVD	21-305-02
5-Ton (939 Series)	21-305-03
HMMWV	21-305-04
C-HET	21-305-05
Truck Tractor	21-305-06
LT Vehicle	21-305-07
Medium Vehicle	21-305-08
HET (M1070/M1000)	21-305-09
PLS	21-305-10
FMTV	21-305-11



EXECUTION - The Selection Process

Selection

Training



Testing

Licensing



DRIVER CANDIDATE SELECTION

Prerequisites required by AR 350-xx:

- **Records Review (Chp 2)**
- **Commanders Interview (Appendix B)**
- **Valid civilian drivers license (off-post)**
- **Physical Exam & Evaluation (Appendix D)**
- **Meets Requirements of Host Nation, Local,
and/or**

**Theater Unique Directives &
Regulations**



EXECUTION - The Training Process

Selection

Training



Testing

Licensing



DRIVER TRAINING

Drivers Training conducted in Two Phases

- **PHASE I : Army Accident Avoidance Training**
 - + **Implemented Aug 96 for AMVs & POVs**
 - + **Conducted per TC 21-305 or TC 21-306**
 - + **Required initially & every 4 Years**
 - + **Must complete Phase I before beginning Phase II**
- **PHASE II: Vehicle Specific Training**
 - + **Learner Permit issued only after completion of Phase I**
 - + **Conducted IAW Applicable TCs (Vehicle Specific)**
 - + **Performance Based Training (85% - 90%)**



PHASE I TRAINING - ACCIDENT AVOIDANCE

TC 21-305 - TRAINING PROGRAM FOR WHEELED VEHICLE ACCIDENT AVOIDANCE

- Staying Alert and Fit to Drive
- Vehicle Inspection
- Visual Search
- Communication
- Manage Speed
- Manage Space
- Operate Vehicle at Night
- Adverse Weather Driving
- Hazards
- Driving Emergencies
- Trailer Operation
- Accident Procedures

- Training Time = 6-8 Hours
- Applies to POVs & AMVs

Consists of:

- Lesson Plans
- Transparencies
- Recommended Videos



PHASE II TRAINING - HMMWV

TC 21-305-4 - Training Program for the HMMWV

- Forms and Records
- Operator Maintenance
- Basic Driving
- Advanced Driving (Off-Road)
- End of Course Test

Training Days - 5 days / 42 hours

Required Instructors - 1 Primary, 6 Assistant

Required Equipment - 6 HMMWVs

Class of 18 students

VIDEOTAPE TVT 55-16 HMMWV OPERATION

- **PMCS**
- **Driving on & off Road**
- **Self-Recovery**

VIDEOTAPE TVT 55-

27

CIS Operation

Added Optional Training

- **Convoy**
- **Blackout**
- **Self-Recovery**



EXECUTION - THE MODEL

Selection

Training



Testing

Licensing



DRIVER TESTING & LICENSING

Vehicle Specific Testing & Licensing:

- **Testing done in three sub-phases**
- **Conducted IAW applicable TCs (AMV / ACV))**
- **Modularized testing - emphasis on hands-on**
 - + **Written Examination (EOCT)**
 - + **PMCS - Hands-on Test**
 - + **Road Test - Hands-on test**
- **Must pass all tests to be issued a license**



Status



STATUS



COMPLETED



RESOURCED - On Schedule



NOT RESOURCED

As of 18 Dec 98

WHEELED VEHICLE TSPs	STATUS	
	TCs	CAI
Accident Avoidance	COMPLETED	FY99
5-Ton (M939 Series)	COMPLETED	FY99
HMMWV	COMPLETED	FY99
HEMTT (8 & 10-Ton)	COMPLETED	FY99
Tractor/Semitrailer	COMPLETED	FY99
PLS	COMPLETED	FY99
HET	COMPLETED	FY99
2.5-Ton	COMPLETED	FY99
FMTV	COMPLETED	FY99
C-HET	COMPLETED	NA
Mdm	COMPLETED	FY99
Vehicle MCBL	COMPLETED	COMPLETED



Resourcing



3 Year Resource Plan- Track & Wheel

FY 98

- **\$ 2019.6 K**
- CAI for:
 - AMV & POV
 - Accident Avoid
 - HMMWV
 - 5-Ton
 - 2 .5 Ton
 - PLS
 - HEMMT
- 1 TC, 2 TVTs for:
 - Track Vehicle
 - Accident Avoid

FY

99

- **\$1,222.0 K**
- 6 TC, 12 TVTs for:
 - All Track
- Vehicles
 - CAI for:
 - FMTV
 - Trk, Tractor
 - HETS
 - Tank Series
 - FA Series
 - Bradley

Series

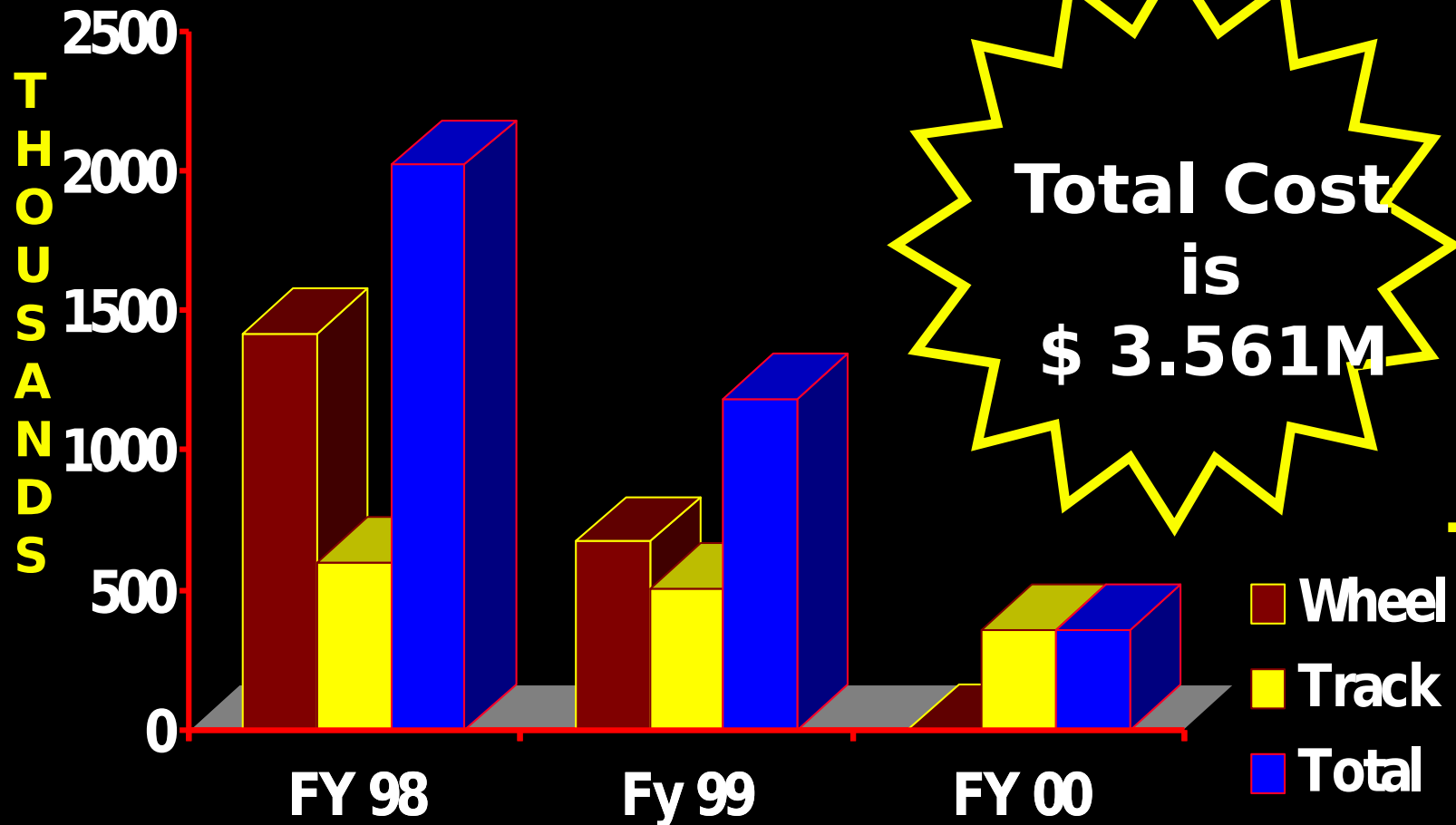
FY 00

- **\$ 358.98 K**
- CAI for:
 - Recovery Series
 - 113 / 577 Series
 - EN Series

**Total:
\$3.561M**



RESOURCING THE PROGRAM (3-Year Plan)



SUMMARY

- **TRADOC has developed a “model” driver training program which will standardize training Armywide**
- **USASC, in concert with TRADOC, will give Commanders one policy governing driver training**
- **Interactive CD-ROMs (CAI) will reduce time, equipment, and instructor resource requirements**
- **Lack of funding has delayed program**



ARMY DRIVER & OPERATOR STANDARDIZATION PROGRAM



FOR INFORMATION CONTACT: Military Driver Standardization Office
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